

WHAT IS CLAIMED IS:

- 1 1. A liquid ejecting apparatus, comprising:
 - 2 a liquid ejecting head, formed with a nozzle opening from which a
 - 3 liquid droplet is ejected, and having a driving voltage information ID in a
 - 4 reference state specific to each liquid ejecting head;
 - 5 a pressure generating chamber, communicating with the nozzle
 - 6 opening;
 - 7 a piezoelectric vibrator, expanding and contracting the pressure
 - 8 generating chamber;
 - 9 a driving signal generator, generating a driving signal to displace the
 - 10 piezoelectric vibrator;
 - 11 a switch, selectively applying the driving signal to the piezoelectric
 - 12 vibrator based on liquid ejecting data; and
 - 13 a flexible flat cable, transmitting the driving signal to the piezoelectric
 - 14 vibrator,
 - 15 wherein a voltage obtained by adding a correction coefficient to a
 - 16 voltage specified in the driving voltage information ID is used as a reference
 - 17 driving voltage.
- 1 2. The liquid ejecting apparatus as set forth in claim 1, wherein the
- 2 correction coefficient is set in accordance with a length of the flexible flat cable.
- 1 3. The liquid ejecting apparatus as set forth in claim 1, wherein the
- 2 driving signal has a plurality of different driving signal waveforms for ejecting

3 liquid droplets of different sizes; and
4 wherein the correction coefficient is set in accordance with difference
5 of the driving signal waveforms.

1 4. The liquid ejecting apparatus as set forth in claim 1, wherein the
2 driving signal generator generates a plurality of driving signals having a
3 different driving signal waveforms; and
4 wherein the correction coefficient is set in accordance with difference
5 of the driving signal waveforms of the driving signals.

1 5. The liquid ejecting apparatus as set forth in claim 1, wherein the
2 correction coefficient is set in accordance with capacitance of the piezoelectric
3 vibrator.

1 6. The liquid ejecting apparatus as set forth in claim 1, wherein the
2 correction coefficient is set in accordance with material of the piezoelectric
3 vibrator.

1 7. The liquid ejecting apparatus as set forth in claim 1, wherein the
2 correction coefficient is set in accordance with a kind of liquid to be ejected.

1 8. The liquid ejecting apparatus as set forth in claim 1, wherein the
2 correction coefficient is set in accordance with a kind of color of the liquid to be
3 ejected.

1 9. A liquid ejecting apparatus, comprising:

2 a liquid ejecting head, formed with a nozzle opening from which a

3 liquid droplet is ejected;

4 a pressure generating chamber, communicating with the nozzle

5 opening;

6 a driving signal generator, generating a driving signal to drive the

7 pressure generator; and

8 a signal applier, applying the driving signal to the pressure generator

9 based on liquid ejecting data,

10 wherein the liquid ejecting head has driving voltage information in a

11 reference state specific to each liquid ejecting head; and

12 wherein the driving signal generator generates the driving signal

13 based on the driving voltage information and a correction coefficient.